

HEATFORMS* and Superior FORM DAMPERS

28c
SU

FOR BETTER AND TROUBLE-FREE FIREPLACES



MODEL "A"
For single opening fireplaces



MODEL "S"
For modern corner fireplaces
Pat. No. 2,752,913



MODEL "M"
For triple opening fireplaces



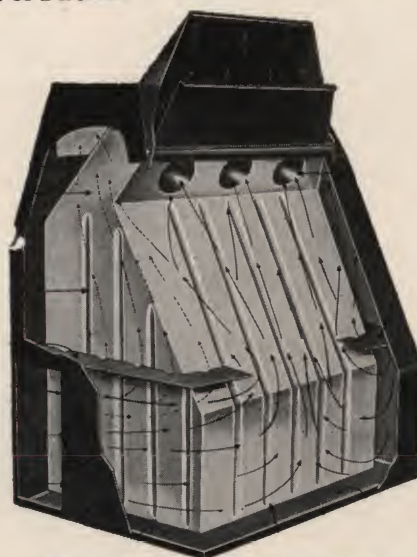
MODEL "D"
For dual opening fireplaces

HEATFORM, a double walled warm air circulating fireplace unit, built to furnace principles, retaining the beauty and glow of the open hearth. Any fireplace fuel may be used. Air chambers surrounding the firebox and upper throat capture and circulate through the home a large percentage of heat lost to the chimney by the ordinary fireplace.

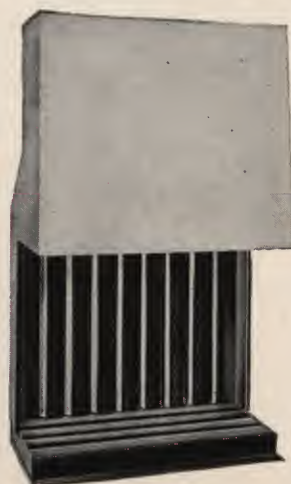
The finished HEATFORM fireplace costs but little more. The unit consists of firebox, throat, high dome, and properly hinged and operated tight closure damper, eliminating other materials and some labor necessary in the construction of the brick lined fireplace.

HEATFORM is a perfect guide for the masonry walls (HEARTH TO FLUE) to prevent construction mistakes which cause smoke trouble.

A HEATFORM fireplace is one of the major selling features of a home.



Arrows demonstrate contact of air to all heating surface.



MODEL "MH"

Modern
Hooded
WARM AIR
CIRCULATING
FIREPLACE
UNIT
at left.

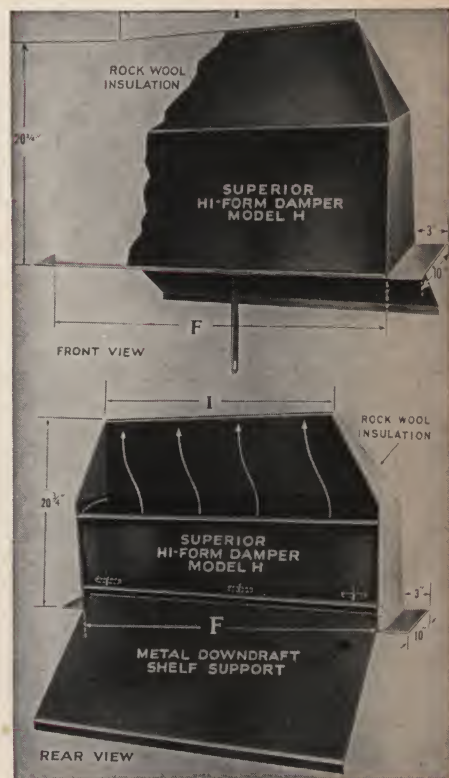
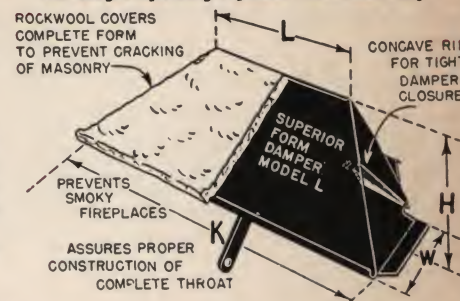
Raised Hearth
15" minimum
is necessary.

Detail: Model "A" page 2, Models "S" & "M" page 8,
Model "D" page 9, Model "MH" page 7.

SUPERIOR FORM DAMPER

MODEL "L" DETAIL PAGE 10

For single opening tapered fireboxes only



MODEL "H"

For multiple opening fireplaces

DETAIL PAGE 11

EXCLUSIVE ADVANTAGES:

- High dome guides construction of complete throat up to on a vertical line with the front inside of the flue, preventing construction mistakes which cause smoke trouble. (See section drawings—Model "L" page 10, Model "H" page 11.)
- Saves labor time. No brick to cut or plaster to form a perfect throat.
- Properly hinged and operated damper which cannot swing back beneath the chimney flue, but acts as a buffer to return downdraft wind currents back up the chimney.
- Made of heavy gauge steel—no brittle parts to break in shipping or usage.
- A blanket of rockwool is shipped with each unit to absorb metal expansion and prevent masonry cracking.

A.I.A. File No. 1462

most efficient and durable of all

FOR BETTER AND TROUBLE-FREE FIREPLACES



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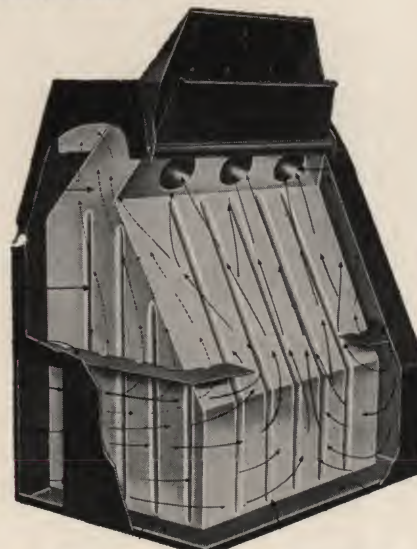
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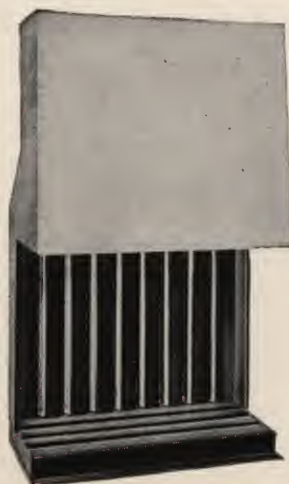
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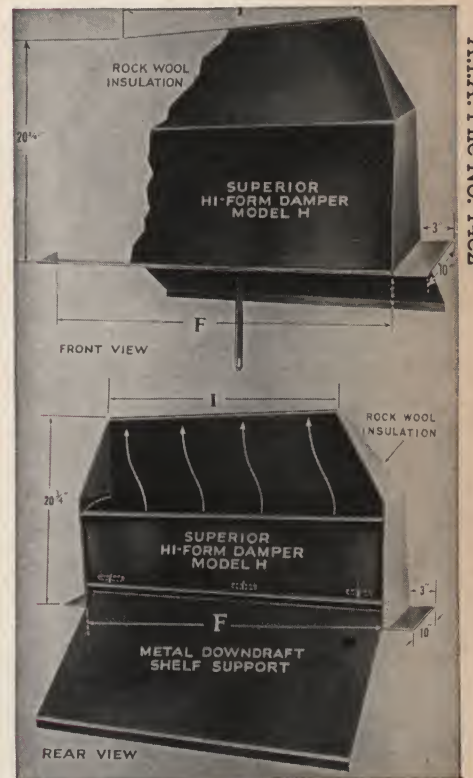
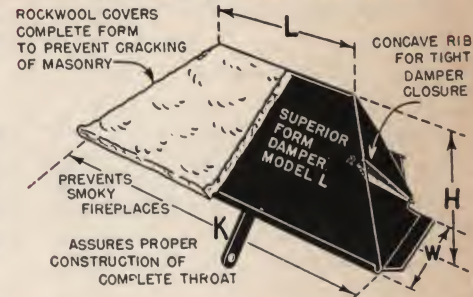
Raised Hearth
15" minimum
is necessary.

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Model "D" page 9, Model "MH" page 7.

SUPERIOR FORM DAMPER

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For single opening tapered fireboxes only



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For multiple opening fireplaces

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- A blanket of rockwool is shipped with each unit to absorb metal expansion and prevent masonry cracking.

AIR OUTLETS in order of efficiency & economy —

1. Front outlet below mantel

The front outlet located 9" to 12" above the fireplace opening is the standard and most economical and efficient method of discharging the heated air into the room. There are two grille designs from which to select—series 23, which lends itself to Early American or Colonial architecture; series 24, with horizontal louvres which is suitable for semi-modern and modern design.

2. Outlets thru top of mantel

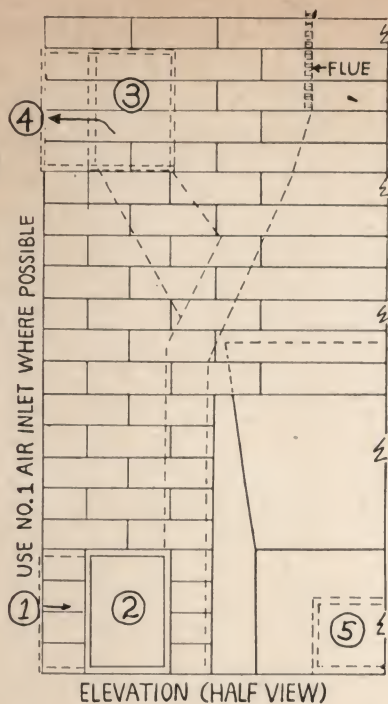
The air is taken from the upper side outlets of the Heatform through the top of the mantel. Rockwool should be placed around the metal collar of the grille, to absorb expansion and avoid overheating. The vanes of these grilles should be turned toward ends of the fireplace to distribute the heat right and left. Where the fireplace projects into the room only 4", these outlet ducts may be extended and the grilles placed in the front portion of the wall on each side above the mantel.

3. Side outlets above mantel

The air is also taken from the upper side outlets of the Heatform through ducts formed in the masonry to the desired height of the outlet grilles. These ducts should be plastered smoothly to assure proper circulation of air. If the fireplace does not project far enough into the room to allow the grilles to be used on the side, both cool air inlets and warm air outlets may be placed in the masonry on the face of the fireplace wall.

4. Side outlets below mantel

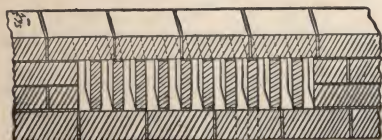
The warm air outlets may be placed below the mantelpiece and the ducts leading to the grilles should be elevated at a 30 degree angle above openings in unit, for best performance. The designer should realize that this method will not permit as much free air circulation through the Heatform as outlet methods 1, 2, and 3.



ELEVATION (HALF VIEW)

HEATING REAR ROOMS

Take the warm air from the upper side outlets of the Heatform through register grilles installed in the rear or end portion of the chimney, as indicated by Outlets 3 or 4. It is necessary for these outlets to be registered to regulate the flow of warm air through front and rear outlets simultaneously. Also, install cool air inlets 5 in the rear rooms to be heated. An opening through the center back of the Heatform may be provided for that purpose. Outlets 3 may be carried to second floor rooms through masonry or insulated metal ducts.



Warm air outlet grille built of brick 1 1/4" x 4" x 6" to 8" high—soldiered and spaced, for cool air inlet, 2" apart, and for warm air outlet, 1 1/4".

Grilles for cool air inlet and warm air outlet may be formed of same masonry as the fireplace, by spacing it to allow for at least the minimum cool air inlet and warm air outlet capacity. For proper square inch inlet and outlet capacity, see chart at bottom of page two.

ANGLE IRONS FOR LINTEL & CHIMNEY SUPPORT

Two angle irons are required with each Heatform.

Heatform No.	Lintel	Chimney
25	30"	25"
31	36"	25"
34	42"	30"
37	42"	30"
42	48"	30"
48	54"	36"
60	68"	36"

Write for information regarding remodeling existing fireplace and installing Heatform.



This beautiful Model "A" Heatform fireplace, located in the Chestnut Hills Estates, Maryland, was designed and built by Mitchell and Coffin. A citation was awarded these builders by the American Home Magazine in their "hidden value" contest, as having the "best home for the money" in the State of Maryland. One of the "hidden values" was a Heatform fireplace. Both cool air inlets and warm air outlets are located on the projecting ends of the fireplace.



Model "A" Heatform fireplace of cut stone. Standard grilles were used for the long front warm air outlet and cool air inlets. One inlet is visible at right and the other is located at left of fireplace behind planter.



Very neat brick Model "A" Heatform fireplace with long front panel outlet and cool air inlets located at floor level in raised hearth formed of spaced masonry.

AIR GRILLES and REGISTERS



No. 23A	O.D. 25 1/2" x 6"	R.I.D. 24 3/4" x 5 1/2"
No. 23B	O.D. 30 3/4" x 6"	R.I.D. 30" x 5 1/2"
No. 23C	O.D. 34 1/2" x 8 3/8"	R.I.D. 34 3/4" x 8"
No. 23D	O.D. 35" x 6"	R.I.D. 34 1/4" x 5 1/2"



No. 24	O.D. 25 1/2" x 6"	R.I.D. 24 3/4" x 5 1/2"
No. 25	O.D. 30 3/4" x 6"	R.I.D. 30" x 5 1/2"
No. 26	O.D. 35" x 6"	R.I.D. 34 1/4" x 5 1/2"
No. 27	O.D. 49 1/2" x 6"	R.I.D. 48 3/4" x 5 1/2"
No. 28	O.D. 60" x 6"	R.I.D. 59 1/4" x 5 1/2"
No. 29	O.D. 14" x 6"	For rear room air inlet

CAST ALUMINUM NATURAL FINISH GRILLES for air inlet and outlet, mounted on detachable metal frames to hold grilles securely to masonry.

Grilles should be painted to harmonize with room's interior or as nearly as possible to the fireplace masonry. Paint adheres readily to grille.

If any particles of mortar show behind finished grille, remove face and paint inside black or any color you wish.

CAST ALUMINUM GRILLES For Cool Air Inlets or Side Warm Air Outlets.

No. 4 O.D. 5 3/4" x 13 1/2" R.I.D. 5" x 13 3/8"	No. 6 O.D. 8" x 15" R.I.D. 7" x 14 1/2"
No. 5 O.D. 8" x 12" R.I.D. 7 3/4" x 11 7/8"	No. 7 O.D. 8" x 18" R.I.D. 7 1/2" x 17"



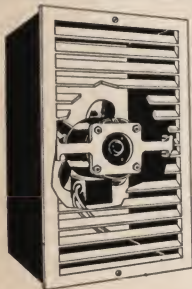
REGISTER GRILLES
Pressed Steel
Prime Coated —
For Warm Air
Outlets to Side or
Rear Rooms.
No. 12
O.D. 10" x 12"
R.I.D. 8 1/4" x 10 3/4"
No. 13
O.D. 12" x 14"
R.I.D. 10" x 12 1/2"

SPECIFICATIONS FOR GRILLES

to use with each size Model "A" Heatform:

MODEL "A"	Air Intakes	Front Outlets
Heatform No. 25	Nos. 4 or 5	Nos. 23A or 24
Heatform No. 31	Nos. 4 or 5	Nos. 23A or 24
Heatform No. 34	Nos. 4 or 5	Nos. 23B or 25
Heatform No. 37	Nos. 4 or 5	Nos. 23B or 25
Heatform No. 42	Nos. 4 or 6	Nos. 23D or 26
Heatform No. 48	No. 6 Fan Grilles	Nos. 23C or 26
Heatform No. 60	No. 6 Fan Grilles	No. 27
Heatform No. 72	No. 7 Fan Grilles	No. 28

If warm air outlets are placed on sides instead of front, use the same size grilles as specified for cool air inlets. Where additional heat outlets are installed in rear or side rooms, use No. 12 or 13 register grilles so that the register may be closed or opened as desired. These side or rear room register outlets must be placed at least 6" or more higher than the front warm air outlet and the masonry ducts leading to these registers must be free from square turns and plastered smoothly inside. For quick heat to rear rooms, use suction fans in warm air outlets.



FAN GRILLES

Fan and Motor are factory assembled in grilles. For use in cool air inlets or in rear room warm air outlets. When used in outlets, reverse the face of the grille.

Normally, the free air passage through Heatforms #25 through #42 does not require fans in the inlets; however, if the fireplace is a major factor in heating the home, we strongly recommend the use of a fan in each air inlet. If horizontal runs are used to other rooms, we advise a suction fan in the register outlet. Fans in the inlets or outlets will double the volume of air through heating chambers and increase heat delivery.

BARBECUE STORAGE DOORS

Specify

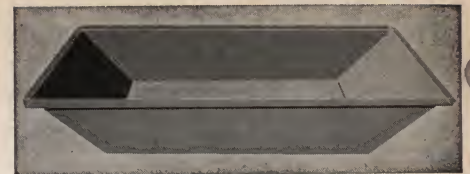
**CHARCOAL or COPPER
HAMMERTONE FINISH**



No.	R.I.D.	O.D.	Wt.
D1812	18 5/8" x 12 1/4"	21" x 15"	14#
D2014	20 5/8" x 14 1/4"	23" x 17"	17#
D2418	24 5/8" x 18 1/4"	27" x 21"	22#

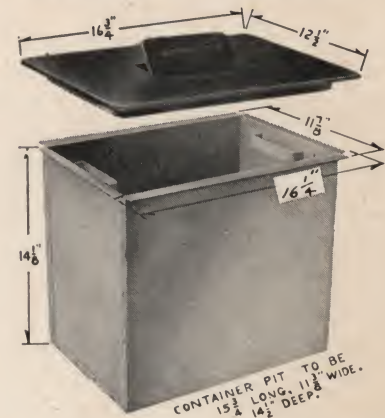
No.	R.I.D.	O.D.	Wt.
D1218	12 5/8" x 18 1/4"	15" x 21"	14#
D1420	14 5/8" x 20 1/4"	17" x 23"	17#
D1824	18 5/8" x 24 1/4"	21" x 27"	22#

The Superior STEEL MORTAR BOX



	O.D. Top Length	O.D. Bottom Length	O.D. Top Width	O.D. Bottom Width	Depth	Capacity	Wt.	Finish
#5	62"	33 3/4"	33"	28"	11 1/4"	9 cu. ft.	58#	Gray
#7	78 1/2"	50 1/2"	38"	33"	11 3/4"	15 cu. ft.	80#	Gray

SUPERIOR ASH-DROP



14 1/8" or 7 1/2" height container available

For use when fireplace is on inside wall, built on a concrete slab floor, or where there is no basement for removal of ashes from beneath floor. Top and ash dump are made of heavy cast iron. Container is of rust resistant galvanized steel.

CLEAN-OUT DOOR



No. 2	16 ga. Stamped Steel R.I.D. 10" x 8 1/2" O.D. 11 3/4" x 9 3/4"
No. 3	12 ga. Stamped Steel R.I.D. 8" x 8" O.D. 10" x 10"
No. 4	12 Ga. Stamped Steel R.I.D. 14 1/4" x 8 5/8" x 3 1/8" O.D. of frame: 18" x 12 1/2"



ASH DUMP

Pat. No. 2166291
12 Gauge
Stamped Steel
R.I.D. 8 1/4" x 4 1/4"

No. 5

VENTILATOR DOOR



12 Ga. Stamped Steel
R.I.D. 14 1/4" x 8 5/8" x 3 1/8"
O.D. of frame: 18" x 12 1/2"

**SOLD THROUGH
BUILDING MATERIAL DEALERS
EVERYWHERE**

BEAUTIFY YOUR FIREPLACE WITH SUPERIOR ACCESSORIES

28c
SU

(CUSTOM BUILT TO FIT HEATFORM FIREPLACES)

A PROTECTO LOG REST or FUEL GRATE

with high protective back is **NECESSARY!**

FOR
"OPENING THROUGH"
FIREPLACES

SUPERIOR STEEL BAR GRATE SQUARE ENDS

Grate No.	Width	Depth	Front Height	Rear Height
26	26"	17 1/4"	7 1/2"	7 1/2"
32	32"	17 1/4"	7 1/2"	7 1/2"
36	36"	17 1/4"	7 1/2"	7 1/2"
42	42"	17 1/4"	7 1/2"	7 1/2"

Built of heavy 3/4" bars for wood burning only. Grate nests fuel closely together, giving better combustion, preventing fuel from smudging, smoking, or rolling onto hearth to create fire hazard.

SQUARE END HIGH BACKED STEEL BAR GRATE FOR MODELS "S" AND "M" DESIGN HEATFORM FIREPLACES. Same as above, except rear height is greater than front.

Grate No.	Width	Depth	Front Height	Rear Height
26HB	26"	15 3/4"	7 1/2"	10 1/2"
32HB	32"	18 1/4"	7 1/2"	10 1/2"
36HB	36"	18 1/4"	7 1/2"	10 1/2"
42HB	42"	18 1/4"	7 1/2"	10 1/2"



Steel Bar Grate
FOR WOOD ONLY

For single opening tapered fireboxes
This is a heavy duty grate
made of 3/4" steel bars.

Grate No.	Front Width	Rear Width	Total Depth	Front Height	Rear Height	Fits Heatform No.
20	21"	16"	16"	8"	10"	25
30	28 1/2"	22"	16"	8"	10"	31-34-37
40	39 1/2"	30"	19"	8"	12"	42 or 48
57	57"	46"	19"	8"	12"	60 or 72



KOALWOOD
Castiron Grate

For single opening tapered fireboxes.

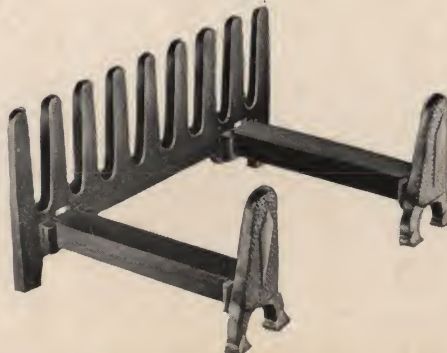
Grate No.	Front Width	Rear Width	Total Depth	Front Height	Rear Height	Fits Heatform No.
24	24 1/2"	19 3/4"	14 1/2"	8"	9 1/4"	31
27	27"	22 1/4"	14 1/2"	8"	9 1/4"	34-37
36	36 1/8"	31"	17 7/8"	8"	9 1/4"	42-48

The rear vertical portion of the log rest or fuel grate prevents fuel from lying against rear wall of the firebox and provides air circulation between fire and lining. This prevents metal from reaching red-hot deteriorating temperatures. The use of this log rest or a fuel grate assures many more years of trouble-free service from your fireplace. This also applies to brick-lined fireplaces. Our thirty-six years' experience in the manufacture of Heatform has proven that a log rest or fuel grate with a high back is A MUST! The log rest, or grate, also nests the fuel closely together, giving better combustion and more heat. It reduces fire hazard and smoke nuisance by preventing burning embers from rolling out upon the hearth. We have knowledge of several instances where a burning log has rolled beyond the hearth to ignite the rug and floor, resulting in extensive fire damage.

The firebox lining of your Heatform fireplace is constructed of boiler plate steel; the back wall being 3/16" thick. To receive maximum years of service, do not use the fireplace as you would an incinerator. Build a moderate fire, using seasoned wood logs. The best size logs vary from six to nine inches in diameter. Lump coal or briquettes are also a very satisfactory fuel (use Koalwood grate). If you prefer to use gas, we recommend the Glo-Fire Gas Log.

Allow ashes to accumulate up to within one-half inch of the bottom of the log rest or grate. The hot ashes will increase the heating efficiency and conserve fuel.

SUPERIOR PROTECTO LOG REST



High Protective Back to Prolong Life of Firebox.
Made in Five Parts. If Necessary, Replace Only
Damaged Piece, Not Entire Assembly.

Front Width	Back Width	Depth	Front Height	Back Height
OD 20"	OD 22"	OD 15 1/4"	8 1/4"	10"

GLO-FIRE GAS LOGS

Glo-Fire is the new gas log that gives you odorless cheery heat.



No. 20—Rating 17,500 B.T.U.

Length: 20"
Height including Stand: 17 1/2"
Depth including Valve: 13 1/2"
Weight: 90 lbs.

No. 24—Rating 25,000 B.T.U.

Length: 24"
Height including Stand: 19 1/2"
Depth including Valve: 13 1/2"
Weight: 115 lbs.

No. 26—Rating 25,000 B.T.U.

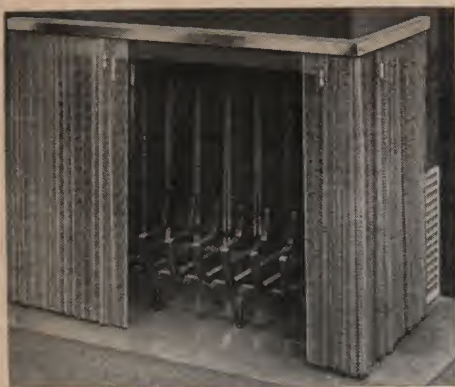
Length: 26"
Height including Stand: 19 1/2"
Depth including Valve: 13 1/2"
Weight: 125 lbs.

No. 30—Rating 42,000 B.T.U.

Length: 30"
Height including Stand: 17"
Depth including Valve: 15"
Weight: 155 lbs.

The Glo-Fire gas log is designed with great artistry of fireproof clay in an exact replica of an oak log, even to its bark, knots, and green moss. And concealed inside is revolutionary new heating principle . . . a patented combustion chamber which gives you more heat with less gas consumption . . . assures you the utmost in heating comfort. It comes equipped with a stand, as shown above, and is so designed that you may use andirons with it, if desired. The Glo-Fire gas log is approved by the A.G.A. for use with natural, manufactured, and liquified petroleum gases.

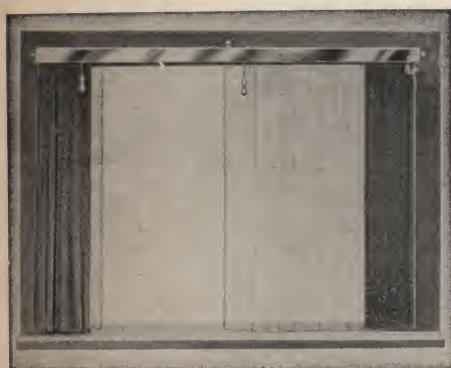
When ordering, be sure to state which type gas is to be used, as a different orifice is required for the different gases.



For Fireplaces Open Front
and Either Side

Center Pull Operated Only

No.	Front	Side	Height
32S	41"	18"	30"
38S	48"	22"	30"
47S	57"	22"	30"



For Single Opening Fireplaces
Center Pull

No.	Width	Height	Fits Opening Widths
36	36"	26½"	23" to 26"
40	40"	26½"	27" to 33"
41	40"	30½"	27" to 33"
46	46"	30½"	34" to 41"
54	54"	33½"	42" to 48"
65	65"	33½"	49" to 60"

Price of End Pull slightly higher.



For Single Opening Fireplaces
Center or End Pull

No.	Width	Height
3827	38"	27"
3829	38"	29"
3831	38"	31"
4427	44"	27"
4429	44"	29"
4431	44"	31"

SUPERIOR DRAPE SCREENS

The screen is made of specially treated wire or solid brass spirals, interlaced for flexibility and strength. When drawn together, the curtains overlap in the center, eliminating all danger of sparks from the burning fuel entering the room. When in an open position, the curtains drape gracefully back to the sides of the fireplace, affording full view and accessibility to the fire. The curtains are suspended from a rod concealed by a polished solid brass or black angle bar.

SUPERIOR MOUNTED DRAPE SCREENS

A modern convenience—nothing to move for refueling or cleaning around fireplace. Custom-built for each size Heatform. The last word in beauty and protection for the fireplace.

For outside mounting, the screen is shipped with necessary screws and spreader lugs for ready installation to masonry. For inside mounting, screen is shipped with screws for installation to lintel angle bar.

All screens are available with solid polished brass angle bar and choice of Old English, solid brass, or black wire—or black bar and wire.

If Model "S" design fireplace dimensions vary from manufacturer's specifications, for inside mounting screens, or any special screen, send elevation and plan drawing, giving exact overall dimensions of fireplace.

PORTABLE FREE STANDING DRAPE SCREENS

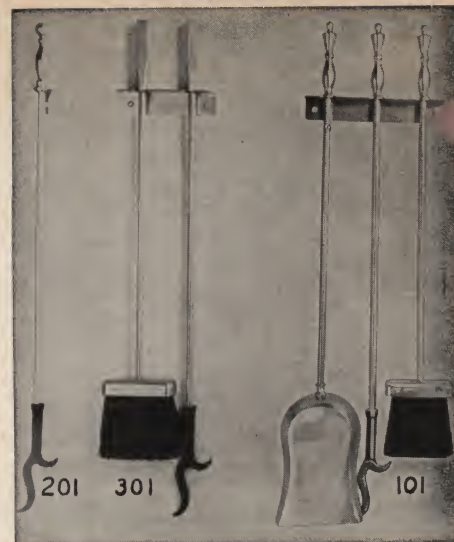
If the dimensions of the standard portable screen will not fit your fireplace dimensions, give us the exact width and height of the firebox opening and we will fabricate a special screen to your specifications at a small extra cost. All dimensions for special screens must be accurate, as they cannot be returned for credit.

If your dealer does not have these screens in stock, write to the manufacturer for information regarding where they may be secured.

MODEL "M" DRAPE SCREENS

For Model "M" Screens, furnish exact dimensions of front and side openings of fireplace.

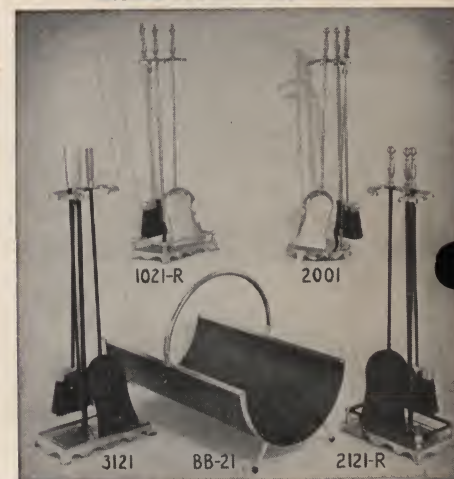
FIRESETS



MODEL NO. 101

HANGING FIRESET

Firesets in one - two - or three tool sets. Available in all brass or with black shafts. Tool holders in solid brass or black.



FREE STANDING FIRESETS

No. 1021-R

All brass—Urn handle—Rail base fireset.

No. 2001

All brass—Ball handle—Round base fireset.

No. 2121-R

Ball handle—Rail base fireset.

No. 3121

Black and brass—Modern handle—Square base fireset.

No. BB-21

Black and brass wood holder.

Handles on all firesets interchangeable.

HOT WATER COILS

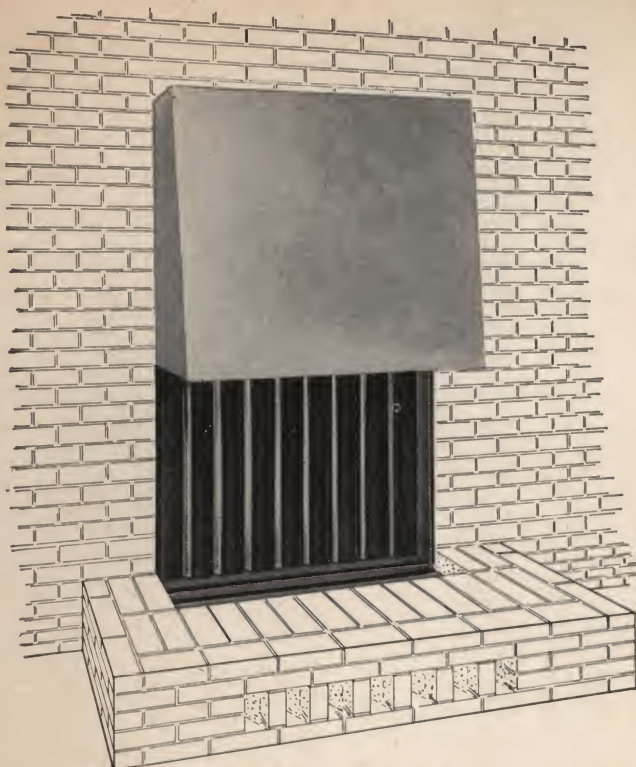
These coils are attached to and cover the vertical rear portion of the firebox. The top and bottom ends of the coil extend through the side walls of the HEATFORM and are threaded for connecting inlet and outlet water pipes. (When factory installed, water inlet and outlet will be placed on left side of firebox when facing fireplace, unless otherwise specified.) Available for Heatform sizes 34, 37, 42, 48, and 60.

CRANES OF COLONIAL DESIGN

When installed and shipped from factory, hanging will be at left, facing fireplace, unless otherwise specified. Cranes may be ordered separately and installed on the job, with self-threading screws, by drilling holes in the side wall of the firebox near the front.

HEATFORM-MODEL MH-Hooded Design

28c
SU



This model Heatform provides a view of the fire from the front and two sides. It has an air heating chamber below the firebox, connected by a rear vertical heating chamber leading to the upper heating chamber between the dome and hood. The two heating chambers are connected through the throat by round super-heating air flues, sufficiently spaced to allow free smoke passage between them into the chimney above.

Warm air is discharged through a long grille hidden in the flat top of the hood above eye level.

The firebox is recessed 3". This prevents the ashes from spreading out onto the hearth. However, one inch of ashes should remain below the grate at all times to preserve the metal.

There are vertical reinforcing stiffeners spaced about 4" apart in the lower heating chamber to prevent the hearth from sagging. In addition, the $\frac{3}{16}$ " boiler plate metal of the entire firebox—bottom and vertical portion—is ribbed construction to add greater strength and prevent warpage.

Caution should be taken to see that rockwool is used between the L-shaped lip at the front bottom of the unit and the masonry. Cement mortar should be used at the end of the hearth brick to cover the rockwool joint.

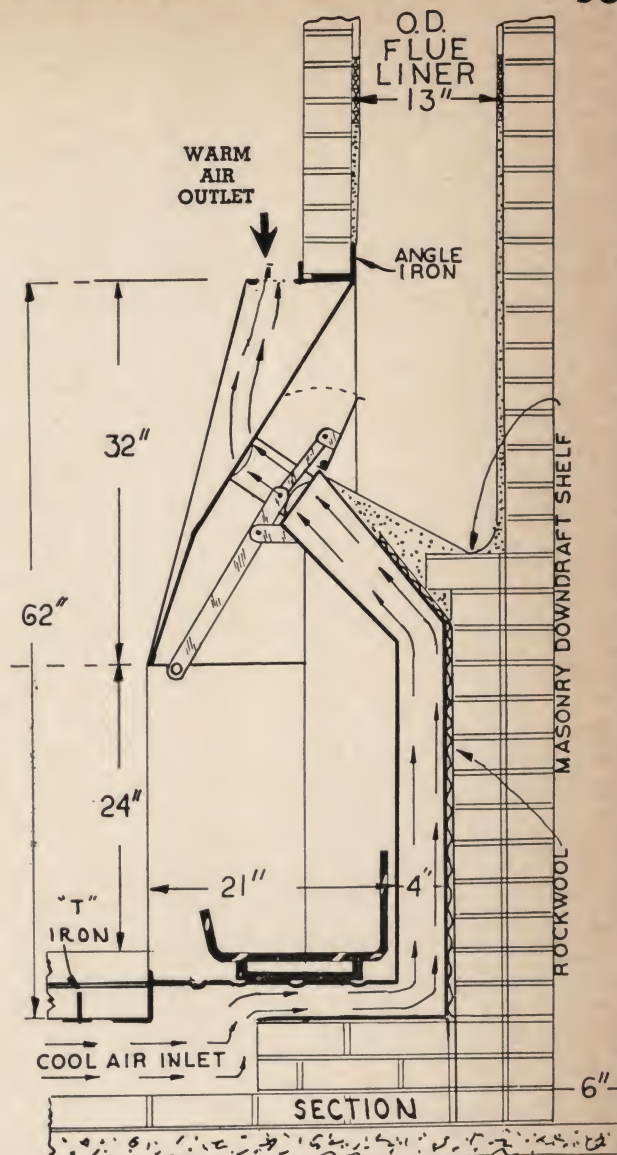
The projecting hood is treated with a Copper Hammertone heat resistant paint and may be repainted any interior color desired.

Be sure to form the masonry downdraft shelf, as shown, use the proper size terra cotta flue liner specified, and build the top of the chimney at least two feet higher than the highest point of the roof of the house.

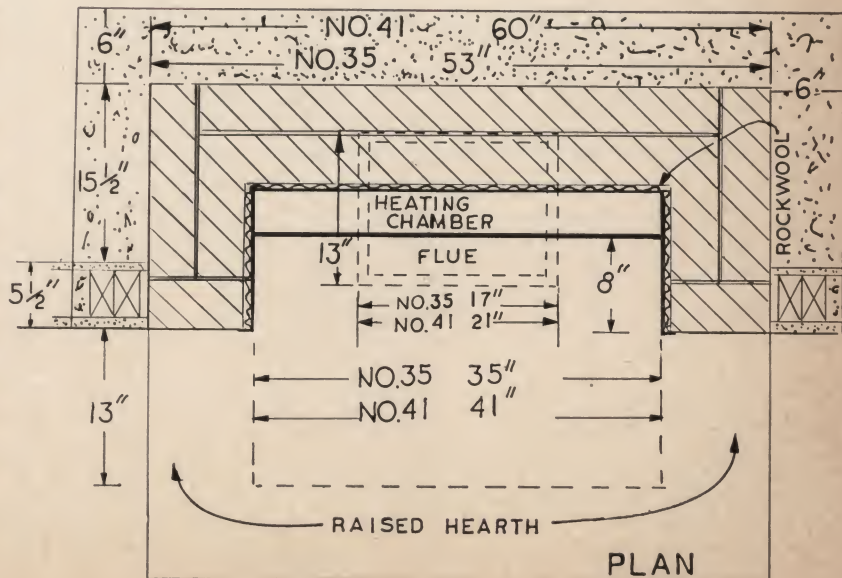
Standard cool air inlet grille to use with the #35 Heatform is the #25. With the #41, use the #26. If preferred, grille may be of spaced masonry.

A 42" angle bar to support the inside chimney wall above unit dome and a 42" T-iron are required for the #35 Heatform. These would be 48" for the #41. If hearth projects more than 13" beyond a vertical line with the front of hood, a second T-iron would be required.

Steel bar grate illustrated is shipped with unit and included in price. Grille, angle and T-irons are priced separately.



Scale drawings $\frac{3}{4}$ "—1' for No. 35 "MH."
Dimensions shown for No. 41 "MH."



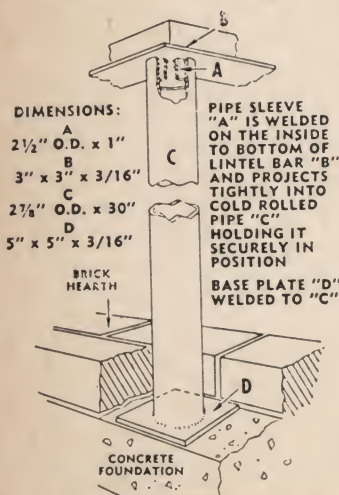
HEATFORM Models "S" and "M"



In the Model "S" Heatform fireplace above, the owner chose to use two side warm air outlets. A better location for the cool air inlets would have been at floor level in the raised portion of the hearth.



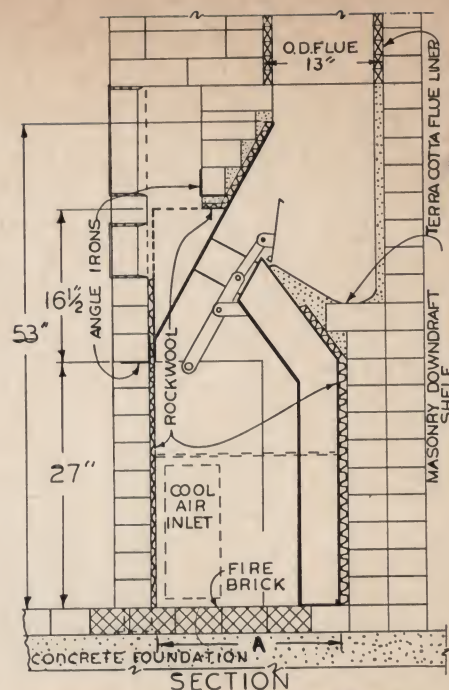
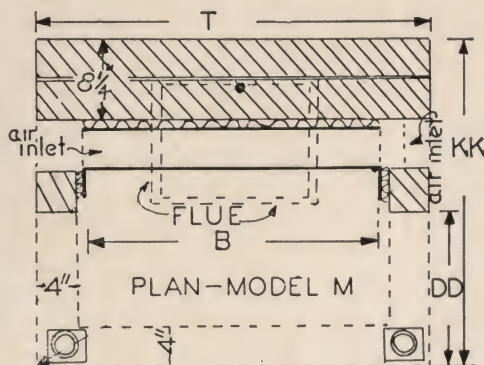
The 1956 Cash Prize Winning Model "S" Heatform fireplace above was designed by Architect Richard L. Taylor of Kalispell, Montana. Both cool air inlets at floor level in the raised portion of hearth and the long front panel warm air outlet are of soldiered and spaced stone.



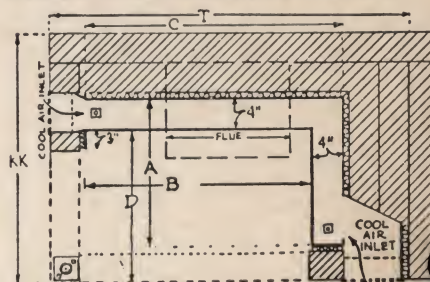
Corner posts and fabricated lintel angle bars available for shipment. Two way opening requires one corner post and L-shaped lintel bar. Triple opening requires two corner posts and U-shaped lintel bar. Bar 3" x 3" x 3/16", unless otherwise specified.

If hearth is raised, it should be elevated 15" and the cool air inlets should be placed at ends or on the face of the raised portion of the hearth. In order to provide for sufficient air inlet into the unit, abutment shown in lower left photo and indicated by dotted lines on the plan drawing at lower right must be provided on open end. The ducts leading to the inlets in the unit should be 5"x8" and they must be sealed over solidly above the inlets in the unit. Brickwork may be dropped back to the "T" dimension or carried the full width to the height desired.

To determine proper inside effective flue area required, measure diagonally across firebox and multiply that by the 27" firebox opening height. Use 12% of square inch total for chimney 15' hearth to top, 10% for chimney 20' high, or 8% for 25' height chimney.



Through "S" or "M" Heatform Fireplace.



Model "S" Floor Plan

SECTION, PLAN AND ELEVATION
SCALE DRAWINGS 3/4"=1'
Available upon request.

KEY TO MODEL S—SWEDISH FIREPLACE

All dimensions are in inches

Unit No.	Air Inlet Sq. In.	Air Outlet Sq. In.	A	B	C	D	KK	T	O.D. Flue Dimensions
32S	80	80	20	31	35	21	34	49	13x17
38S	100	100	24	38	43	25	38	56	13x21
47S	100	100	24	46 3/4"	51	25	38	65	17x21

KEY TO MODEL M—MODERN FIREPLACE

All dimensions are in inches

Unit No.	Air Inlet Sq. In.	Air Outlet Sq. In.	A	B	DD	KK	T	O.D. Flue Dimensions
38M	80	80	24	38	21	38	48	13x21
49M	100	100	24	46 3/4"	21	38	56 3/4"	13x21
55M	100	100	24	54	21	38	64	17x21
61M	100	100	24	60	21	38	70	17x21

COOL AIR INLET AND WARM AIR OUTLET GRILLES TO BE USED WITH THE "S" OR "M" FIREPLACE:

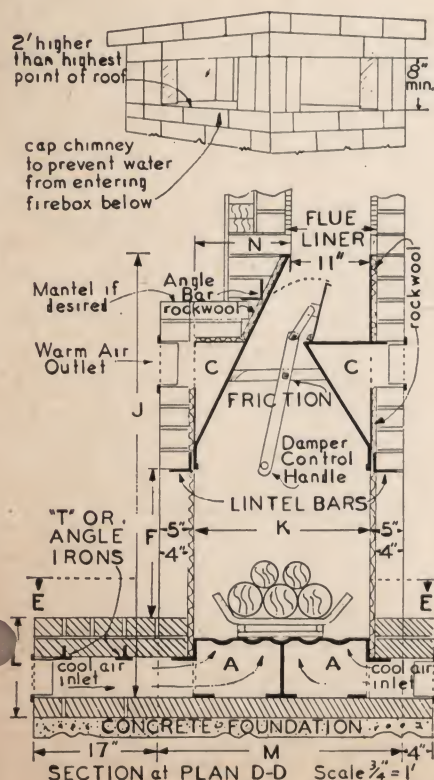
Unit No.	Air Inlets	Front Air Outlet	Alternate Side Outlets
32S	1 ea. No. 4 and 5	1 No. 25 or 23B	2 No. 4 or 5
38S	1 ea. No. 4 and 6	1 No. 26 or 23D	2 No. 6
47S	1 ea. No. 4 and 6	1 No. 26 or 23D	2 No. 6
38M	2 ea. No. 4 or 5	1 No. 26 or 23D	2 No. 5
49M	2 ea. No. 4 or 6	1 No. 26 or 23D	2 No. 6
55M	2 ea. No. 6 Fan	1 No. 26 or 23D	2 No. 6
61M	2 ea. No. 6 Fan	1 No. 27	2 No. 6

If inlets and outlets are formed of masonry, at least 80 square inches of inlet and outlet should be provided for the #32S and #38M. 100 square inches must be used for all larger sizes of both models.

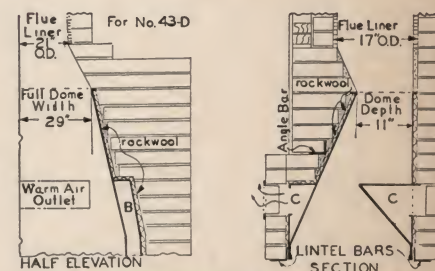
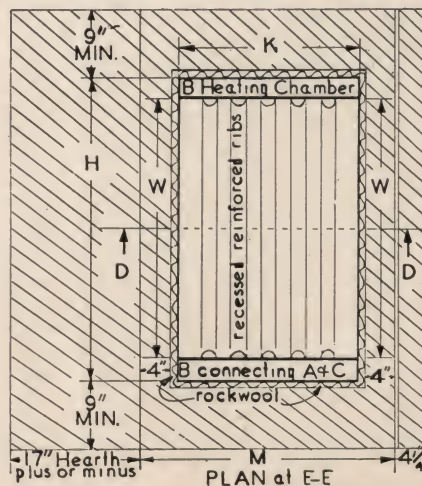
SUPERIOR HEATFORM MODEL "D"



CUTAWAY VIEW OF HEATFORM PARTIALLY COVERED WITH BRICK—OTHER MASONRY MAY BE USED, IF PREFERRED. IF THICKER THAN 4", INCREASE DIMENSION "M" ACCORDINGLY



SCALE
DRAWINGS
 $\frac{3}{4}" = 1'$
Available upon
request



FOR #43 MODEL "D" HEATFORM
From lintel bar, up—Showing proper formation
from top of dome to terra cotta flue lining.

Cool air inlet and warm air outlet grilles
#33D - four #25 or #23B
#43D - four #26 or #23D

KEY TO DRAWINGS

Unit No.	Opening Height F	Width & Depth of Unit Dome	O.D. Unit Height H	O.D. Unit Height J	O.D. Unit Height K	O.D. Unit Height L	Hearth Depth M	O.D. Depth including Masonry & Rockwool N	Dimensions in Inches		
33D	21	21-W x 11-D	40½	65	24	15	34	13½	34	13	21
43D	21	29-W x 11-D	48½	65	24	15	34	13½	42	17	21

Superior Hi-Form Damper—Model "L"

For single opening fireboxes only. Throat capacity insufficient for multiple openings. (See opposite page).

Thirty years ago, our engineers discovered the design of the ordinary dome damper was unsatisfactory, as it gave no protection against smoke troubles, nor was there any provision made to absorb the metal expansion to prevent cracking of the masonry. Therefore, we developed the Superior Hi-Form Damper, with its wide throat and high form.

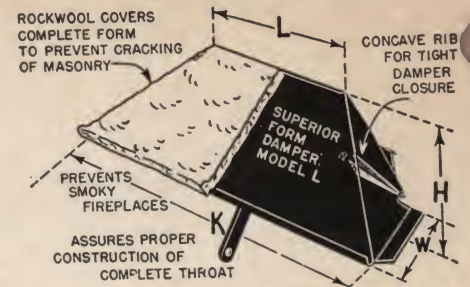
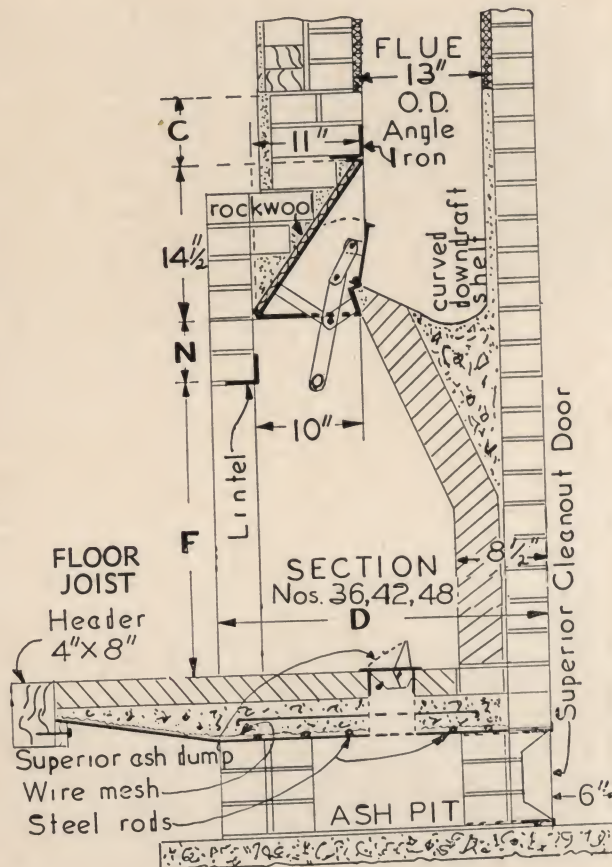
Superior Hi-Form Damper is built to proper angles and dimensions. The form and all parts are made of heavy steel for lifetime service — no brittle cast iron parts to break in shipping, handling, or usage.

The labor cost in constructing the finished fireplace, using the Superior Form Damper, would be less than with an ordinary damper, because the mason needn't cut and plaster brick to form a proper throat.

SPECIFY and INSIST UPON Superior Hi-Form Dampers. Accept no imitation.

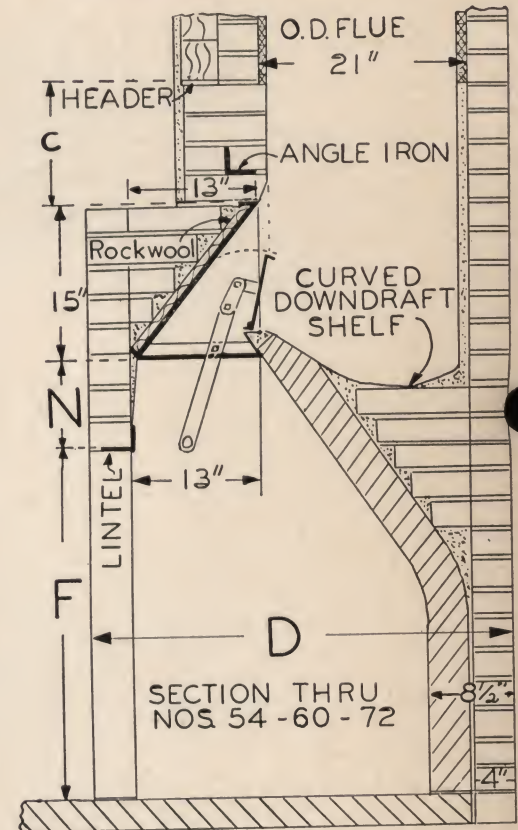
To determine the proper flue area, ascertain the square inch opening of the firebox, by multiplying the height by the width. Then select a liner with the proper effective area, according to the height of the chimney from hearth to top. An oval or round flue has approximately 20% less effective area than a flue with square corners.

If the height from the hearth to the lintel bar exceeds 42", you may not find a flue liner adequate for a No. 54, 60, or 72 Form Damper fireplace. In that case, use an 8" masonry wall around the flue and omit the liner.



Cover complete form with rockwool and use double thickness at each end.

Nos. 54, 60, & 72—height from bottom to top 15" and the depth of the flange which rests upon the firebrick is 13".



SCALE DRAWINGS 3/4"=1' Available upon request.

RATIO OF FLUE AREA TO FINISHED FIREPLACE OPENING	15 Ft. Height*—12%
	20 Ft. Height*—10%
	25 Ft. Height*—8%

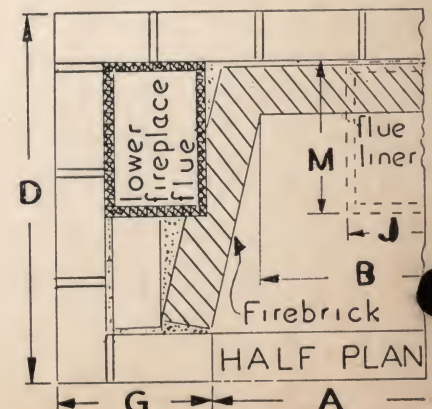
*Height from Hearth to
Top of Chimney.

KEY TO DRAWINGS

Dimensions in Inches

Unit	A	Approx.		B	C	D	F	G	Min.	H	I	J	K	L	M	N	Min.	W	O.D.	Flue
25	24-26	17	6	27+	24-27	13+	14½	13	24	8½	9	6	10	13x9						
30	27-32	23	6	27+	24-27	13+	14½	13	29	13½	9	6	10	13x9						
36	33-38	27	6	31+	27-30	13+	14½	13	35	19½	13	6	10	13x13						
42	39-43	33	9	31+	30-33	13+	14½	17	41	25½	13	6	10	17x13						
48	44-51	39	12	31+	33-36	13+	14½	21	47	31½	13	9	10	*21x13						
54	52-57	43	12	42+	36-42	16½+	15	21	54	44½	21	9	13	***21x21						
60	58-64	49	15	42+	36-42	16½+	15	21	60	50½	21	9	13	***21x21						
72	65-74	61	18	42+	36-48	16½+	15	25	72	62½	21	9	13	**25x21						

- *If no 21x13 flue liner available, use 17x17 and increase D dimension 4".
- **If 25x21 flue liner not available, increase D dimension 4" and use 25x25 liner or use 8" of masonry around flue and omit liner.
- ***No oval liner large enough available. Square liner 21" x 21" O.K. Otherwise build 8" masonry wall around chimney with adequate flue capacity. Flues specified based on 12% of firebox opening area required for low chimneys.

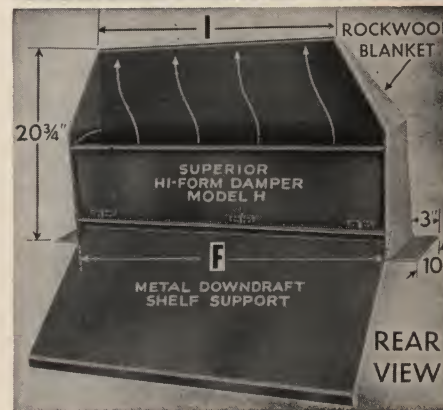
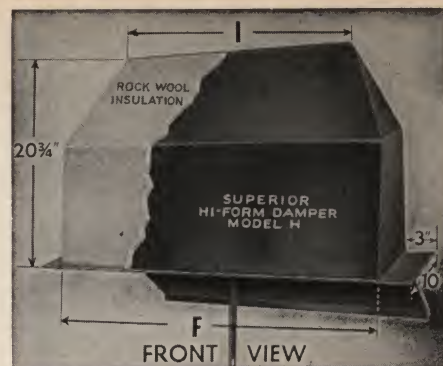
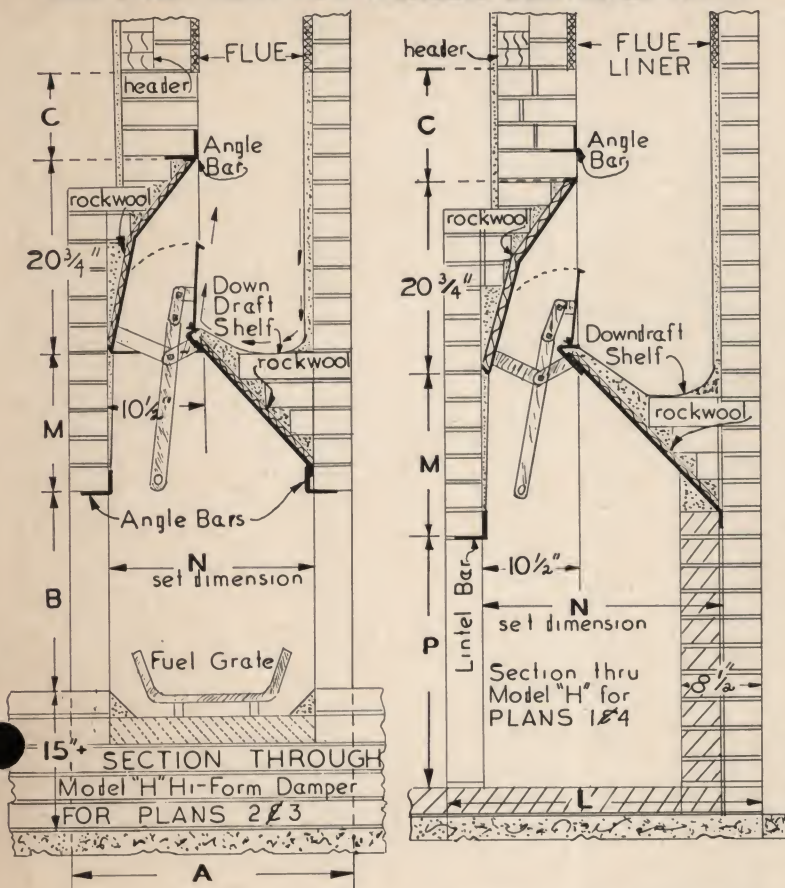


Superior Hi-Form Damper-Model "H"

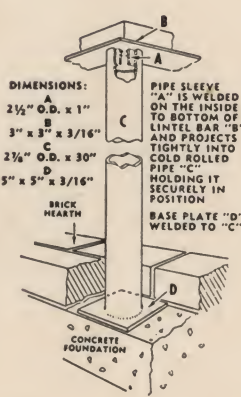
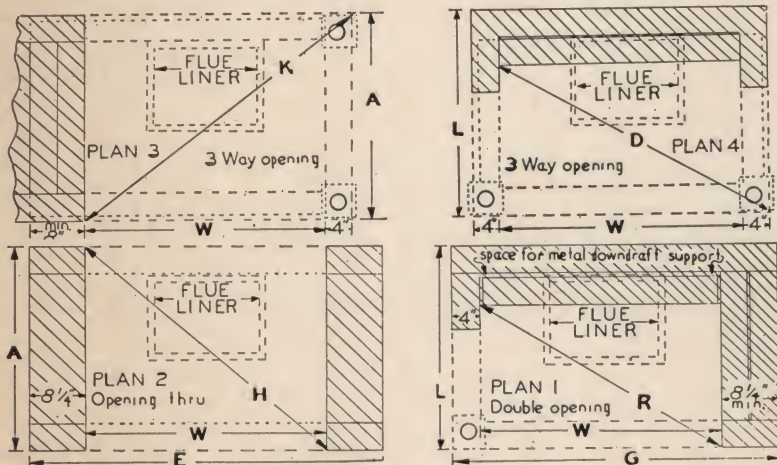
Adaptable for Fireplaces with openings on Front and Sides—or Opening Through between Two Rooms

The only damper for multiple opening fireplaces, with built-in downdraft shelf, which permits chimney flue to be located directly above firebox, saving 20-25% of material and labor necessary to offset chimney flue. See advantages, front cover. WRITE FOR WORKING DRAWINGS $\frac{3}{4}"=1'$

28c
SU



Section, Plan, and Elevation $\frac{3}{4}"=1'$ SCALE DRAWINGS available for all sizes and designs of multiple opening Model "H" Hi-Form Damper fireplaces.



CORNER POSTS AND LINTEL ANGLE BARS

Plan #1
one post and "L" shaped lintel.

Plan #2
no posts—two straight lintels.

Plan #3
two corner posts and "U" shaped lintel.

Plan #4
two corner posts and "U" shaped lintel.

KEY TO DRAWINGS

DIMENSIONS IN INCHES

Unit No.	Min. A	B	C	D	Min. E	F	G	H	I	K	L	M	Set Dim. N	Max. P	R	W	Oval O.D. Flue	Square O.D. Flue	RATIO OF FLUE AREA TO FINISHED FIREPLACE OPENING
29	30	21	6	41	46 1/2	29	42 1/4	42	20	46	30	15	23	27	35	30	13x17	13x13	15 Ft. Height*—12%
35	30	21	9	45	51 1/2	34	47 1/4	46	25	50	30	15	23	27	41	35	13x21	17x17	20 Ft. Height*—10%
41	30	21	12	50	58 1/2	41	54 1/4	52	32	56	30	15	23	27	45	42	13x21	17x17	25 Ft. Height*—8%
47	34 1/4	21	15	56	64 1/2	47	60 1/4	55	38	60	34 1/4	18	27	27	50	48	17x21	18x18	*Height from Hearth to Top of Chimney.
59	34 1/4	21	18	67	76 1/2	59	72 1/4	65	50	70	34 1/4	18	27	27	65	60	21x21	20x20	

In tightly weatherstripped houses, place an extra ash dump in hearth beneath lintel and form duct, to outside air, to provide oxygen to fire.

To determine effective flue area necessary, according to height of chimney, multiply P or B dimension by D, R, H, or K dimension and multiply the total by the proper percentage.

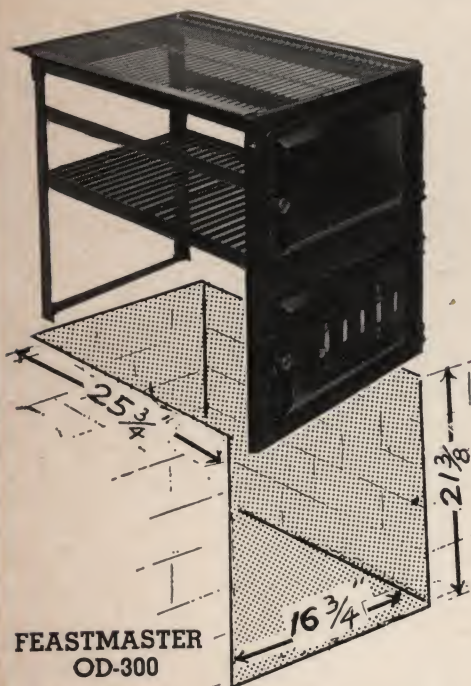
"FEASTMASTER" BARBECUES

Meet Every Requirement

Economical - Easy to Install

EASY TO BUILD

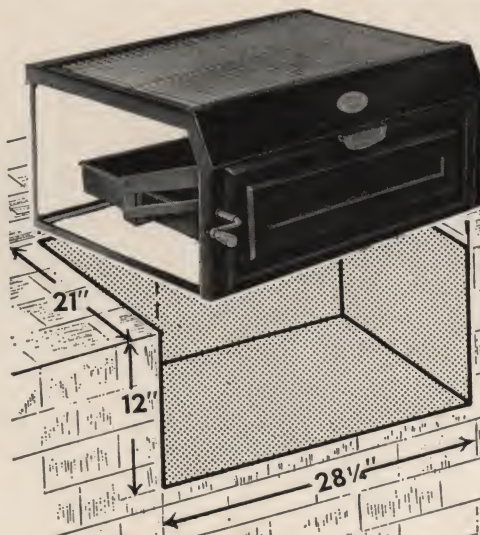
Build a barbecue for your home . . . fun to do . . . fun to use . . . BUT INSIST ON A "FEASTMASTER" FOR BEST RESULTS AND EASIER CONSTRUCTION! Backed by The Superior Fireplace Company . . . 36 years in the field.



**FEASTMASTER
OD-300**

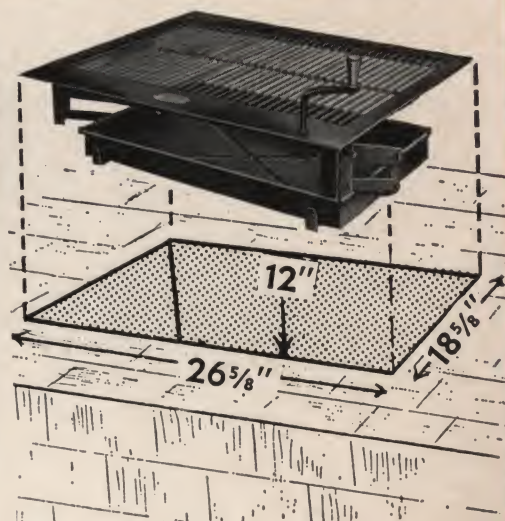
For outdoor use.

Adjustable fuel grate; move it up or down to cook with either wood or charcoal. Plated cooking grill, 15 1/4" x 24 3/4", is removable for easy cleaning and storing. Heavy 12 gauge steel unit completely flanged for neatness; conceals all uneven mortar joints. Shutter draft control in bottom door. Available in black only.



FEASTMASTER MODEL CT-400

Charcoal grill for indoor or outdoor use! Steals the show wherever it goes! The newest thing in barbecues . . . use it in the kitchen, recreation room, or outdoors . . . works well anywhere! Delivered as a complete unit. Put it where you want it and start to cook. Handsomely styled to pleasingly grace the home . . . sturdily constructed to provide years and years of dining pleasure. Plated grill 15 1/4" x 24 3/4". Turn of crank raises or lowers fire as desired. Available in black or copper hammetone. Painted with non-toxic heat and grease resistant paint. Rust-inhibitive primed and painted with high grade enamel, baked at 325° F.

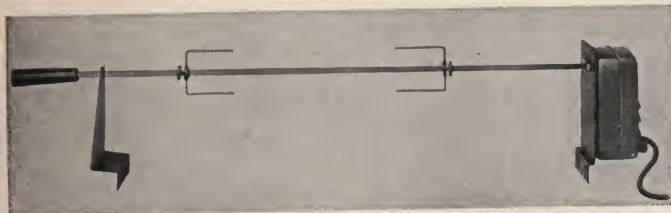


**PIT TYPE FEASTMASTER
MODEL PT-500**

Designed for indoor and outdoor use. Maximum simplicity of operation . . . Turn of crank raises or lowers the fire as desired . . . a modern innovation in charcoal cookery! Plated 15 1/4" x 24 3/4" grill remains stationary while in use. Available in black or copper hammetone. Painted with non-toxic heat and grease resistant paint. Rust-inhibitive primed and painted with a high grade enamel, baked at 325° F.

Follow carefully indicated masonry openings to assure easy insertion and removal of unit.

CAUTION: DO NOT INSTALL WITHOUT PROPER VENT IN INDOOR INSTALLATIONS!!



"FEASTMASTER" SPIT and MOTOR

Balanced Spit with adjustable forks. Complete with brackets to fit all "FEASTMASTER" Barbecue Units.
115 Volts, 60 Cycles, Cont. Duty, Speed 6 RPM. Gears life lubricated.



CHAR-LIGHTER

Lights charcoal in seconds! SO EASY . . . simply plug it in, lay it face down on top of charcoal (or briquettes) and presto—the fire is lighted in seconds—no fluid, no flames, no smoke. Absolutely safe.
1250 watt. U/L approved. Packaged weight—three pounds.

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The most complete detailed fireplace information available.

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For outdoor use.

Adjustable fuel grate; with either wood or grill, 15 1/4" x 24 3/4", is re and storing. Heavy 12 flanged for neatness; joints. Shutter draft com able in black only.



"FEASTMASTER"
Balanced Spit with ad
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115 Volts, 60 Cycles, C

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This book 11"x8 1/2" contains 100 pages with 100 color photographs of room interiors and fireplaces selected from National Cash prize Photograph Contest. This book also contains detailed construction information and other pertinent data regarding fireplaces, which you will find valuable.

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Plated 15 1/4" x 24 3/4" grill in use. Available in black painted with non-toxic heat ant. Rust-inhibitive primed grade enamel, baked at

ed masonry openings to removal of unit.



ly plug it in, lay it face esto—the fire is lighted absolutely safe. ee pounds.

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